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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/606,923	06/29/2000	Sarita M. James	204498	6699

23460 7590 03/15/2004

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EXAMINER

TRUONG, LECHI

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 03/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/606,923

Applicant(s)

JAMES ET AL.

Examiner

LeChi Truong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

5. Claims 1-16 are presented for examination. This action is in response to the amendment filed 12/15/ 2003. Application amended claims 1-7, 11-14 and cancelled claims 17.

Claim Rejections - 35 USC § 102

6. Claims 1- 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Mein et al (US. Patent 6,457,066 B1).

7. As to claim 1, Mein teaches the invention claimed including: an application (software application, col 5, ln 60-67/ client-side, col 3, ln 28-67), a remote server (col 3, ln 28-67), the Simple Object Access Protocol (SOAP)(SOAP/ col 3, ln 28-67), a call (methol call, col 5, ln 12-39/ col 6, ln 7_₅), SOAP software object (Automation object, col 5, ln 13-25), a SOAP request (a SOAP request, col 3, ln 28-67/ an HTTP POST message, col 5, ln 2-39), the procedure (the name or progid col 6, ln 7-65), the body of the SOAP request (the body, col 6, ln 7-35), a set of the parameter (parameters, col 6, ln 7-67), status information(document containing a certain data, col 2, ln 34-48), response information(their contain, col 2, ln 34-48), the query (a query, col 1, ln 34-48), the query the SOAP request (the query might represent a request...(col 1, ln 34-48).

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8. As to claim 2, Mein teaches a header (header, col 6, ln 7-67), a value for the i
nustUnderstand attribuder (the program ID, col 6, ln 47-64).

13. As to claim 3, Mein teaches the remote server(the web server 160/ Fig. 2), response
information(the multipart MINE packet back to the client 10, col 7, ln 65-67).

9. As to claim 4, a software object (data structure, col 3, ln 28-67). call (method call, c of
6, ln 7-65), method (col 5, ln 12-39/ col 6, ln 7-65).

10. As to claim 5, Mein teaches issuing (insues, col 5, ln 12-39), the application (the c lient
process, col 5, ln 12-39), a call (a method call, col 5, ln 12-39), the SOAP request software
object (the data structure as an HTTP post message, col 5, ln 12-39).

11. As to claim 6, Mein teaches a SOAP request (a SOAP request col 3, ln 28-67/ IITTP post
message, col 5, ln 12-39), a procedure (the name of the server computer 30, a progid... col 6, ln
7-65), the remote server (the server, col 6, ln 7-65), SOAP software object(Automation object,
col 5, ln 13-25), the body of the SOAP request (a body 320, col 6, ln 7-65), set of parameters,
col 6, ln 7-65), status information (document containing a certain data, col 2, ln 34-48), response
information (their contain, col 2, ln 34-48), the query (a query, col 1, ln 34-48), the query the
SOAP request (the query might represent a request..., col 1, ln 34-48).

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12. As to claim 7, Mein teaches a client application (a client process, col 4, ln 20-27). the local host (a local client computer, col 4, ln 20-27), the remote host (the remoter server, col 4, ln 27-40), a communication link (internet 20, Fig. 1), SOAP software object(Automation object, col 5, ln 13-25), a SOAP request (col 3, ln 28-67/ HTTP post message, col 5, ln 12-39), status (the process of packaging up the data, col 3, ln 48-68), response information (return parameter, col 3, ln 28-67), a set of function (a particular function, col 5, ln 51-55/ a method, col 6, ln 7-67), a set of function(a particular function, col 5, ln 62-65/ the application make a method call (col 6, ln 7-22)/ an application programming for processing SOAP, col 3,ln 40-60)

14. As to claim 8, Mien an application programming interface (API)(a particular function, col 5, ln 62-65/ the application make a method call , col 6, ln 7-22/ an application programming for processing SOAP, col 3,ln 40-60).

15. As to claim 9, Mein teaches form of parameters (parameter, cot 5, ln 12-39/ cot 6, l n 7-67).

16. As to claim 10, it would have been obvious that the API consist essentially of software object. The API consists functions of software object

17. As to claim 11, Mein teaches a SOAP request (a SOAP request (a SOAP request, c of 3, ln 28-67/ an HTTP POST message, cot 5, ln 12-39), method (cot 5, ln 12-39/ cot 6, ln 7-65), a remote server (the server computer 30, cot 5, ln 12-39/ cot 6. ln 7-67), response information (the

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document, col 2, ln 34-48/return parameter, col 3, ln 28-67), SOAP software object(Automation object, col 5, ln 13-25), status information (the SOAP request, col 3, ln 48-63/ multipart MINE packets, col 7, ln 4-39/ col 5, ln 40-60/ method call, col 22-35), API (a particular function, col 5, ln 62-65/ the application make a method call (col 6, ln 7-22)/ an application programming for processing SOAP, col 3,ln 40-60).

18. As to claims 12, 13, 14, 15, 16 they are apparatus of claims 1- 3, 11 and 13 ; therefore, they are rejected for the same reason as claims 1-3, 11 and 13 above.

Response to the argument

19. Applicant amendment filed on 12/15/2003 has been considered but they are not persuasive.

In the remarks, Applicant argued that: (1) using a SOAP software object changes could be made to application and the SOAP protocol itself without requiring changes to the API. (2) the SOAP request message was thus separated from the SOAP API software object”.

20. Examiner respectfully traversed applicant’s remarks:

As to points (1), (2), applicant’s response does not explain how the amendments to the claims define over the Mein et al reference. The response simply refers to one of the advantages of the invention found on pg. 5, lines 23-29, i.e. “using a SOAP software object changes could be made to application and the SOAP protocol itself without requiring changes to the API “, “ the SOAP protocol itself without requiring changes to the API, the SOAP request message was thus separated from the SOAP API software object”.

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The response does not explain how the claims or amendments thereto bring out this advantage. The discussed advantage was simply a suggestion of what could be added to the claims to possibly overcome the Mein reference. But the response doesn't explain how this advantage is brought out in the claims or how it would not be met by the teachings of Mein. Furthermore, if the advantage were claimed, applicant needs to point out how the advantage is accomplished by the parameters in the "response and status information" and why the parameters taught by Mein would not have this advantage; see application's specification page 5, ln 44-31, page 7, ln 13-21 for the parameters.

21. *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (703) 305 5312. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 703-305-9678. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

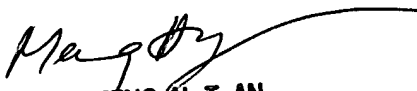
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LeChi Truong

February 20, 2004


MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

37 CFR § 1.105 - Requirement for Information Form Paragraphs

This form paragraph requires copies of publications authored by the inventors.

In response to this requirement, please provide the citation and a copy of each publication which any of the applicants authored or co-authored and which describe the disclosed subject matter of :

1. **7.105 Requirement for Information, Heading**

Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to examination of this application.

2. **7.113 Copy of Art referred to in the Disclosure, But not submitted**

In response to this requirement, please provide a copy of each of the following items of art referred in the Background of the invention; page 1, lines 8-22. The Background describes 1) the SOAP standard (lines 8-15) and 2) the use of a non-standard API for SOAP (lines 16-22). Applicant should provide any publications concerning the SOAP standard, which includes the paper cited by the URL (line15) and any other information on the standard. Likewise any publications on the use of APIs referred to in the Background should be provided. For example, what functions were used with the SOAP data structure, e.g. functions for initialization, reading, writing, etc? The attached publication titled "SOAP the simple object access protocol" indicates a draft on the soap standard was available in 1998; see 2nd to last page, the section titled "Additional SOAP Resource", any publications on this 1998 draft should be provided. Also, the attached article titled "Simple Object Access Protocol" by Chappell is from Microsoft's MSDN and any other prior art publications on SOAP by Microsoft should be provided. Further the attached SOAP draft 9/1999 indicates Microsoft was on the standards committee and this application is assigned to Microsoft; thus the requested information should be available to the assignee.

3. **7.124 Contents of Good Faith Reply**

The applicant is reminded that the reply to this requirement must be made with candor and good faith under 37 CFR 1.56. Where the application does not have or cannot readily obtain an item of required information, a statement that the item is unknown or cannot be readily obtained will be accepted as a completed reply to the requirement for that item.

4. **7.125 Conclusion of Requirement that Accompanies Office Action**

This requirement is an attachment of the enclosed Office action. A complete reply to the enclosed Office action must include a complete reply to this requirement. The time

period for reply to this requirement coincides with the time period for reply to the enclosed Office action.

A handwritten signature in black ink, appearing to read 'Meng-Al T. An', with a long, sweeping horizontal line extending to the right.

MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100